



General Assembly

January Session, 2013

***Raised Bill No. 1013***

LCO No. 3857



Referred to Committee on ENVIRONMENT

Introduced by:  
(ENV)

***AN ACT CONCERNING CLIMATE CHANGE ADAPTATION AND DATA COLLECTION.***

Be it enacted by the Senate and House of Representatives in General Assembly convened:

- 1       Section 1. (*Effective from passage*) Not later than February 15, 2014,  
2       the Department of Energy and Environmental Protection and The  
3       University of Connecticut shall, in accordance with section 11-4a of the  
4       general statutes, report to the joint standing committee of the General  
5       Assembly having cognizance of matters relating to the environment on  
6       the joint efforts of said department and university to establish a  
7       Connecticut Center for Coasts. Such report shall include, but not be  
8       limited to, the following: (1) A detailed description of the mission for  
9       such a center that shall include, at a minimum, conducting research,  
10      outreach and education projects to guide the development of  
11      technologies and regulatory provisions that increase the protection of  
12      ecosystems, coastal properties and other lands and attributes of the  
13      state that are subject to the effects of rising sea levels, (2) the proposed  
14      governance of such center, including appointment of a center director,  
15      establishment of an advisory board and the requisite staffing level for  
16      such center, (3) a plan for the center's performance of: (A) Mapping  
17      exercises to assess and visualize key characteristics of shoreline

18 resiliency, such as shoreline changes, (B) pilot-scale engineering and  
 19 impact assessment studies, (C) consensus building efforts to determine  
 20 state-wide uniform guidelines for planning and development  
 21 purposes, including the expected rate of sea level rise for the next one  
 22 hundred years, (D) ways to develop state-wide, science-based  
 23 planning and management alternatives, (E) development in science  
 24 and information-based outreach and technology transfer programs for  
 25 state and local agencies and officials involved in planning and  
 26 development, (F) an assessment of soft shore protection strategies in  
 27 Long Island Sound and the development of instructional guides for the  
 28 use of such soft shore protection strategies, (G) a comprehensive  
 29 coastal infrastructure inventory and risk assessment, (H) an analysis of  
 30 the impact of seawalls in urban and rural communities, (I) the  
 31 development of uniform, state-wide models that predict inundation  
 32 flood scenarios under slow, constant sea level rise and under storm  
 33 surges, (J) projects that lead to the development of rapid storm damage  
 34 assessment technology, (K) developing design guidelines for the  
 35 construction and repair of seawalls, and (L) developing tools for  
 36 determining appropriate shore protection strategies and providing  
 37 coastal protection information to a diverse range of end users, (4) a  
 38 listing of the existing university and department resources that will be  
 39 utilized in the performance of the center's responsibilities and a  
 40 description of the specific ways in which each resource will be used to  
 41 perform such responsibilities, and (5) the sources and amounts of  
 42 funding that the department and university, either jointly or  
 43 individually, intend to secure or secured for the purpose of  
 44 establishing such center.

This act shall take effect as follows and shall amend the following sections:		
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Section 1	<i>from passage</i>	New section
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***ENV***      *Joint Favorable*

***HED***      *Joint Favorable*

